

ECHO Technical Committee Meeting 8.20.2013

ECHO has been replaced by the [Common Metadata Repository \(CMR\)](#), a high-performance, high-quality, continuously evolving metadata system that catalogs all data and service metadata records for the EOSDIS system and will be the authoritative management system for all EOSDIS metadata.

The information contained within this ECHO wiki is now archived for historical reference. Please navigate to the [CMR wiki pages](#), or to the [CMR Overview page](#) on [Earthdata](#).

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Dial-In

Information

Telecon
Number
877.973.2179

Passcode
770291

Attendance

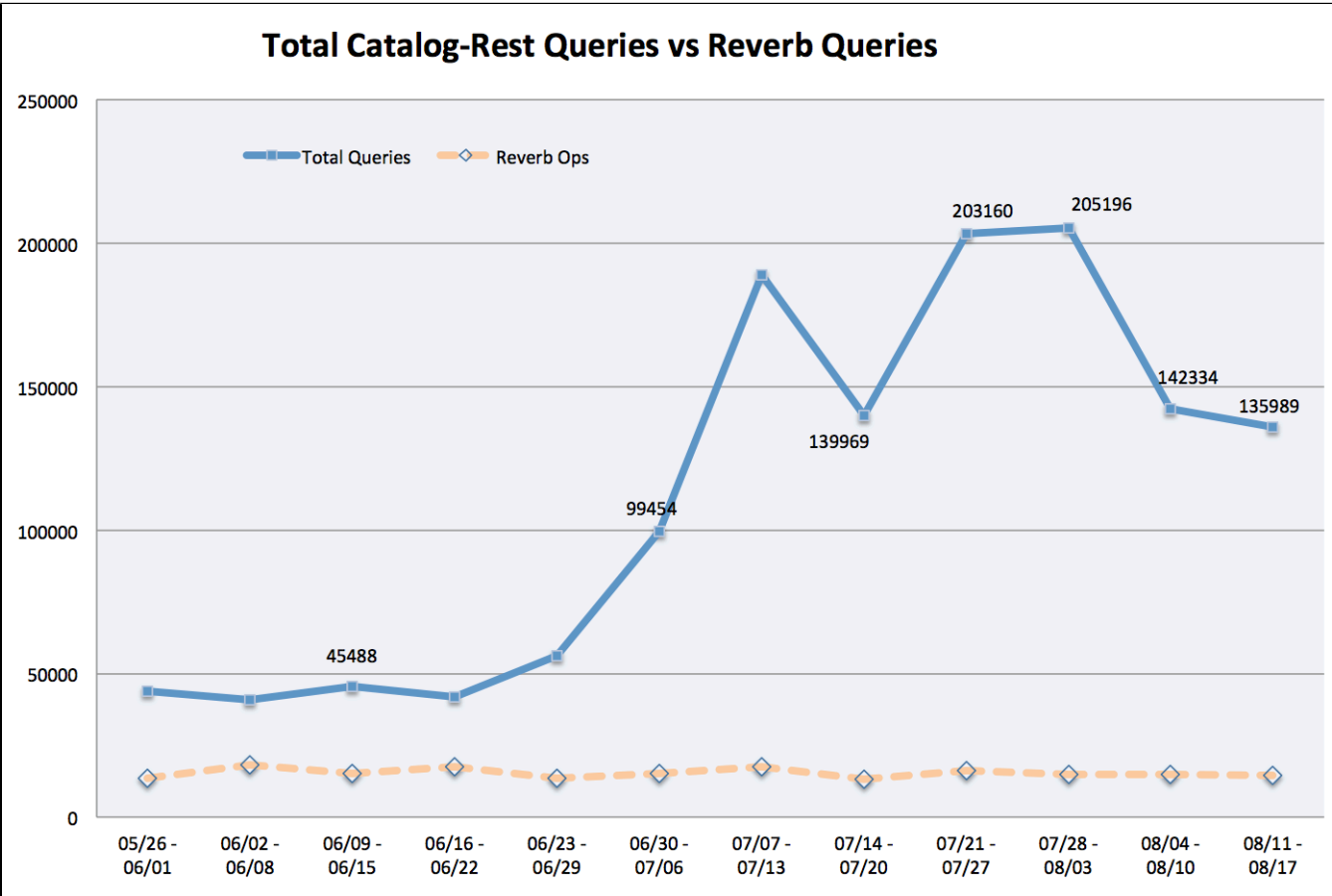
Name	Organization
Kathleen Baynes	ECHO
Doug Newman	ECHO
Jon Velapoldi	ECHO
Mary Nair	GHRC
Ed Seiler	GES DISC
Ben McMurry	ORNL
Lisa Booker	NSIDC
Merlie Hansen	SEDAC
Luther Lighty	ESDIS
Jody Rundell	LPDAAC

ECHO System Status

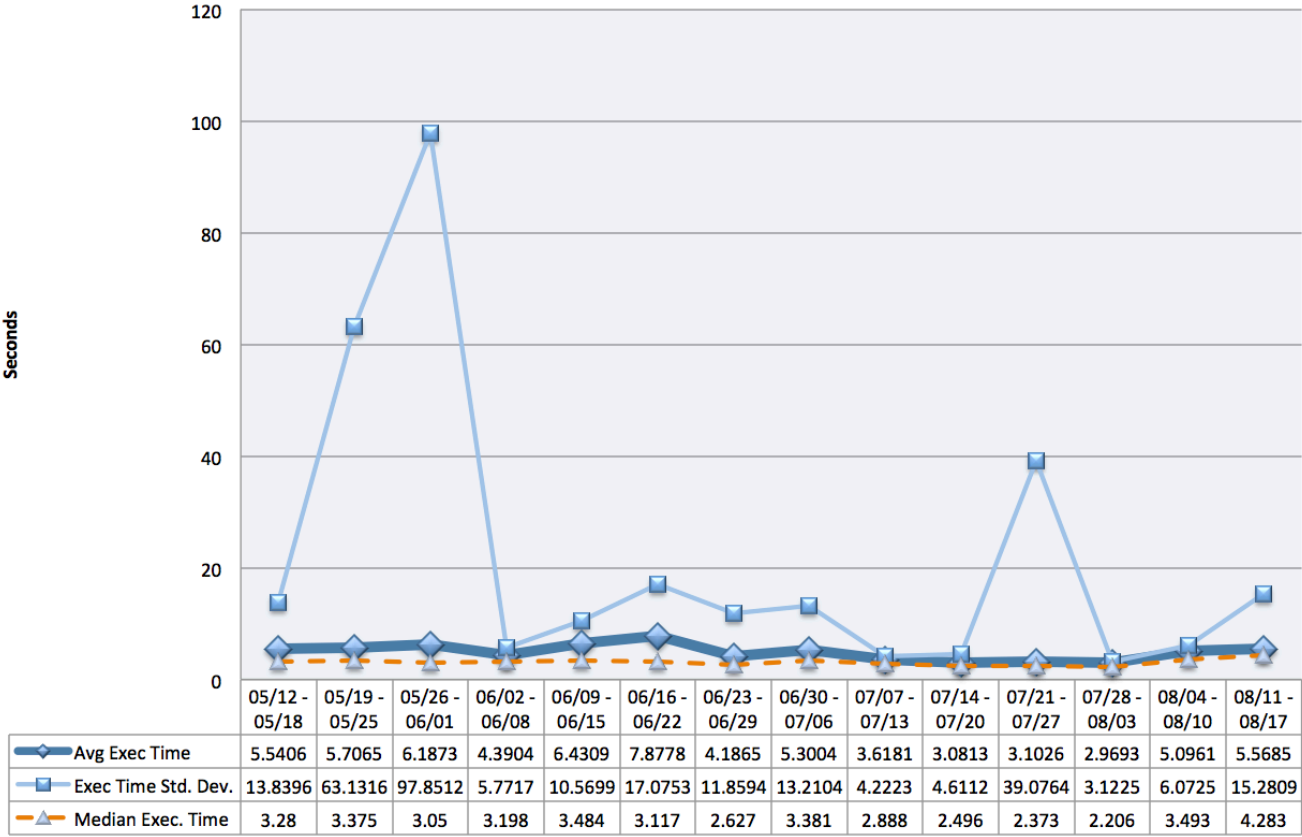
System Issues

- **08/12** Operations: - 12:21am - 12:45am ET Open Search timeouts related to Oracle temp space issue. Oracle temp space increased.
- **08/13** Operations: 8:00am – 8:25am & 4:20pm – 4:41pm ET elastic cluster heap dump caused elastic outage. Reconfigured elastic to not dump heap on exit.
- **08/14** All: 7:42am- 11:35am ET .gov DNS issues caused ECHO outage for select users
- **08/16** Operations: 3:17pm – 3:27pm ET torquebox clustering issues occurred on recycling catalog-rest node to alleviate legacy ingest issue. NCRs 11014138 and 11014139 written

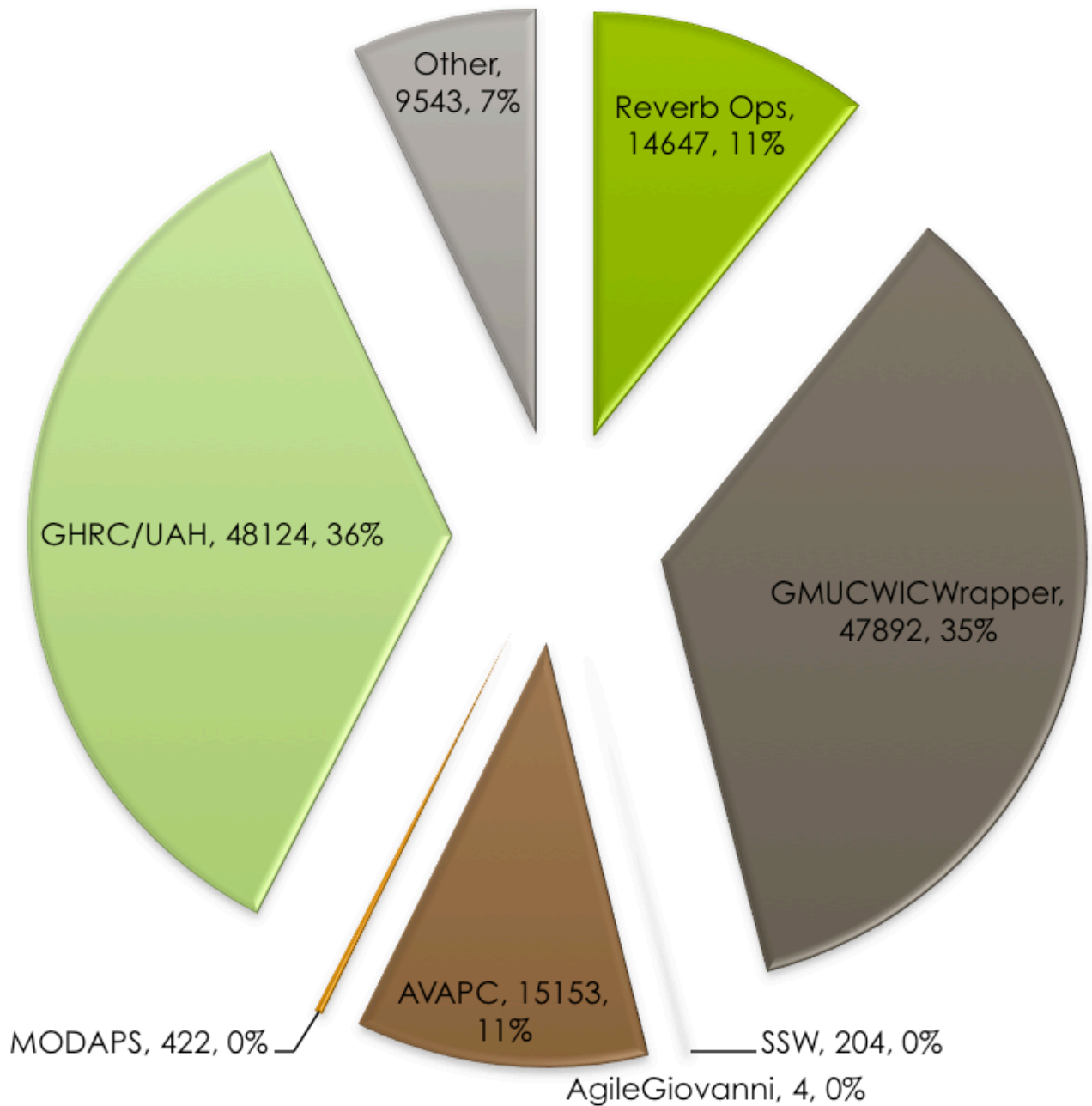
Recent Metrics



Average Query Performance



Total Queries By Client



Release Status

In Operations 10.65

- 3 week sprint, ended 7/12
- Pushed to Operations 7/31
- NCR 11012161/11012349: ECHO:Reverb Make the granule results columns sortable
- NCR 11012270: Update the look and feel of the reset password page

- NCR 11012526/110114005: Adding granules to the shopping cart, each click extends the width of the result row
- NCR 11012560: Update Password Page Does not display password rules
- NCR 11012592: Error changing order option definitions after using back button on order submission pages
- NCR 11013466: Granule search results "disappearing" when scrolling through a specific search.
- NCR 11013525: Blink Usability: Help Icons Should Be Visible at all Times
- NCR 11013526: Blink Usability: Map Selection Confusion
- NCR 11013940: Reverb reports "Password not sufficiently complex" during password change without indicating requirements
- NCR 11013951: FTP Batch script generation throws 500 error on certain links.
- NCR 11013973: Add date metadata headers to Catalog REST dataset and granule retrieval (**unplanned**)
- NCR 11013981: Reconciliation errors due to element list ordering (BMGT re-write)

In Test 10.66

- 5 week sprint, ended 8/16/2013
- Heading to Testbed tomorrow 8/21
- ~~NCR 11012006: Reverb: Bypass Order Options (LPDAAC)~~ (**bumped to future sprint**)
- NCR 11013511: Selecting multiple granules from the granule results list
- NCR 11013524: Blink Usability: Give hint text for multi-select in option selections
- NCR 11013798/11013972/11013974: Create visualization/gui that allows providers and ECHO ops to easily see state of ACLs, Catalog and Index.
- NCR 11013955: More caching issues experienced at NSIDC (**need follow-up**)
- NCR 11013963: Reverb ignores search keywords after an ampersand
- NCR 11013989: Retrieving .atom format granules for SMAP ISO datasets causes 500 errors.
- NCR 11013996: Malformed science keyword search gives 500 error
- NCR 11014001: Clicking the "Clear Criteria" button on the Reverb home page does not clear Science Keywords
- NCR 11014003: Investigation: ECHO query performance mean has crept up from 3 seconds in April to 8 seconds in June (**still in work**)
- NCR 11014004: Data Access: Service Request Status Service Request IDs (in Reverb) do not match the Request ID sent in the email correspondence to the User (LPDAAC)
- NCR 11014008: Downloading metadata from Reverb changes
- NCR 11014039: Reverb help icon is unappealing (**unplanned, backported**)
- NCR 11014072: ECHO IPv6 address too big to fit in Table. (**unplanned, backported**)
- NCR 11014015/11014130: Outage Related (**unplanned**)

In Development 10.67

- 3 week sprint, ending 9/6/2013
- NCR 11011983 Reverb: "Review Order" screen does not display selected order options
- NCR 11013220 User should be able to review service options before final service request submission
- NCR 11013421 When logged in, registered users should not see the Contact Information page in Reverb
- NCR 11013425 Change the Order Options page to show data sets instead of granules.
- NCR 11013440 Order button active when all data sets in the cart are not orderable.
- NCR 11013832 Add/expose a search field that identifies a collection as NRT
- NCR 11014071 Change Reverb Tooltip to use jQuery UI or something less ugly
- NCR 11014073 Question mark link on download dialog is not the same [?] form as all other help links
- NCR 11014076 Reverb 404 Errors from /users path
- NCR 11014086 Change Reverb Tutorial link to new Reverb Tutorial
- NCR 11014090 Sorting in granule list not working correctly when multiple datasets are open
- NCR 11014092 ECHO: Several Orders in Validated status from July 1 - 31
- NCR 11014132 Create new page to contain consolidated order components
- NCR 11014133 Create user contact info popup and container for order consolidation page

Discussion Topics

Order Workflow Changes

After some prioritization of DAAC requests, I have proposed some changes that are similar to the Order Workflow Re-Work proposed earlier this year, but are not as far reaching. This work will be completed over the next few sprints, and will be exposed in the test environments before being promoted to Operations. I have uploaded a new OpsCon that outlines the addressed NCRs and includes wireframes.

[OpsCon 031 Reverb Order Option Changes](#)

Review Order

Guest User

Contact Information:

[Click to Edit \(Required\)](#) 

Some items associated with this order require some options be set. Different groups shown below require separate options to be set. All options must be set before submitting this order. To set different options on individual granules, check those granules and leave them in the cart for a second order

Ordering 500 Items from 'ASTER Expedited L1A Reconstructed Unprocessed Instrument Data V003'

Order Options Set

Access Method:

FTP Pull Media Format:

(500 Items) Collapse Item List

	Item Name	Start Time	End Time	Size
<input checked="" type="checkbox"/>	SC:AST_L1A.003:2006259427	2000-04-03T08:41:52.780Z	2000-04-03T08:41:52.780Z	116.325
<input type="checkbox"/>	SC:AST_L1A.003:2006259428	2000-04-03T08:42:01.622Z	2000-04-03T08:42:01.622Z	116.316
<input type="checkbox"/>	SC:AST_L1A.003:2006259430	2000-04-03T08:42:10.464Z	2000-04-03T08:42:10.464Z	116.329
<input checked="" type="checkbox"/>	SC:AST_L1A.003:2006259431	2000-04-03T08:42:19.307Z	2000-04-03T08:42:19.307Z	116.314

[Leave Selected in Cart](#)

[Deleted Selected](#)

[Remove All Items](#)

Ordering 39 Items from 'AIRCRAFT FLUX-DETRENDED: NRCC (FIFE)'

Order Options Not Complete (Required)

Access Method:

Output Format:

Desired Projection:

(39 Items) Expand Item List

[Remove All Items](#)

☐ Do not remove these items from Shopping Cart (This allows you to request alternate actions for this metadata)




[Go Back](#)

[Submit Order](#)

Reverb Granule Results List - Proposed Minor Change

The development team has requested that the arrow marked "remove column" in the screenshot below be removed for all columns.

The icon marked "column select" can be used to select columns for display and removing the arrows as recommended will free up some screen real estate.

15 Minute Stream Flow Data: USGS (FIFE)						
Archive Center: ORNL_DAAC Short Name: doi:10.3334/ORNLDAAC/1 Version: 1						
Save Granule Results						
Showing 1 to 9 of 39 granules Total Query Time: 3.26s						
Granule ID	Start Time	End Time	Online Access	Browse	All	Column Select
FIFE_STRM_15M.43601715.s15	1984-12-25 00:00:00 UTC	1985-01-01 00:00:00 UTC	✓			
FIFE_STRM_15M.50011715.s15	1985-01-01 00:00:00 UTC	1985-02-01 00:00:00 UTC	✓			
FIFE_STRM_15M.50321715.s15	1985-02-01 00:00:00 UTC	1985-03-01 00:00:00 UTC	✓			
FIFE_STRM_15M.50601715.s15	1985-03-01 00:00:00 UTC	1985-04-01 00:00:00 UTC	✓			

Reverb Data Access Cookbook

- [Link for Review](#)
- 5 "recipes" currently in place, feedback welcome

Upcoming Leave of Absence

- Estimated Start Date of September 5th
- [Doug Newman](#) will be conducting the ETC until mid-November

Upcoming Events

Planned Maintenance 8/21

- Partner Test OS patching (outage)
- Dbshared virtual machine triage (outage)
- 10.66 code push to Test Bed (outage)

Open Floor